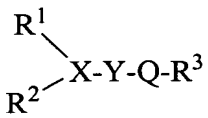
IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Original): A compound of the formula:



wherein R^1 and R^2 are each aryl or ar(lower)alkyl, or are taken together to form lower alkylene or lower alkenylene, each of which may be substituted with aryl or may be condensed with a cyclic hydrocarbon optionally substituted with lower alkyl, lower alkoxy, aryl, aryloxy or halogen,

R^3 is lower alkyl, lower alkoxy, aryl, arylamino or aryloxy, each of which may be substituted with lower alkoxy or halogen, pyridyl, or pyridylamino,

X is CH or N,

Y is a single bond or -NH-, and

Q is ,

provided that

1) when R^3 is arylamino which may be substituted with lower alkoxy or halogen, or pyridylamino,

then X is CH or

Y is a single bond,

2) when R^1 and R^2 are taken together to form pentenylene condensed with benzene optionally substituted with lower alkyl, lower alkoxy, aryl or halogen,

X is CH,

Y is -NH-, and

Q is -C(=O)-,

then R^3 is phenyl substituted with halogen, phenylamino substituted with halogen, or pyridyl, or

3) when R^1 and R^2 are taken together to form butenylene condensed with benzene,

X is CH,

Y is -NH-, and

Q is -C(=O)-,

then R^3 is phenyl substituted with halogen, and the indan ring to form by taking together

R^1, R^2 and X is substituted by -Y-Q-R^3 at the 2-position,

and its salt.

Claim 2 (Original): A compound according to claim 1, wherein

R^1 and R^2 are taken together to form lower alkenylene which may be substituted with aryl or may be condensed with benzene optionally substituted with lower alkoxy,

R^3 is aryl or arylamino, each of which may be substituted with halogen, pyridyl, or pyridylamino.

Claim 3 (Original): A compound according to claim 2, wherein

X is N.

Claim 4 (Original): A compound according to claim 2, wherein

X is CH, and

Y is -NH-.

Claim 5 (Original): A compound according to claim 3, wherein

R^1 and R^2 are taken together to form methylpentenylene or pentenylene which may be condensed with benzene, and

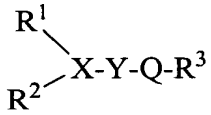
R^3 is arylamino which may be substituted with halogen,

or pyridylamino.

Claim 6 (Original): A compound according to claim 4, wherein

R^1 and R^2 are taken together to form methylpentenylene, butenylene condensed with benzene, or pentenylene which may be condensed with benzene optionally substituted with lower alkoxy.

Claim 7 (Original): A compound of the formula:



wherein R^1 and R^2 are each aryl or ar(lower)alkyl, or are taken together to form lower alkylene or lower alkenylene, each of which may be substituted with aryl or may be condensed with a cyclic hydrocarbon optionally substituted with lower alkyl, lower alkoxy, aryl, aryloxy or halogen,

R^3 is lower alkyl, lower alkoxy, aryl, arylamino or aryloxy, each of which may be substituted with lower alkoxy or halogen, pyridyl, or pyridylamino,

X is CH or N,

Y is a single bond or -NH-, and

Q is $-\overset{\overset{O}{\|}}{C}-$,

provided that

1) when R^3 is arylamino which may be substituted with lower alkoxy or halogen, or pyridylamino,

then X is CH or

Y is a single bond,

2) when R^1 and R^2 are taken together to form pentenylene condensed with benzene optionally substituted with lower alkyl, lower alkoxy, aryl or halogen,

X is CH,

Y is -NH-, and

Q is $-\overset{\overset{O}{\|}}{C}-$,

then R^3 is phenyl substituted with halogen, phenylamino substituted with halogen, or pyridyl, or

3) when R^1 and R^2 are taken together to form butenylene condensed with benzene,

X is CH,

Y is -NH-, and

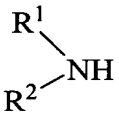
Q is $-\overset{\overset{O}{\|}}{C}-$,

then R^3 is phenyl substituted with halogen, and the indan ring to form by taking together

R^1, R^2 and X is substituted by $-Y-Q-R^3$ at the 2-position,

or its salt, which comprises,

1) reacting a compound of the formula:



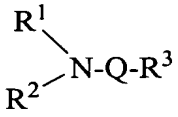
[II]

or its salt with a compound of the formula:

$HO-Q-R^3$ [III]

or its reactive derivative at the carboxy group

or a salt thereof to provide a compound of the formula:

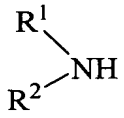


[Ia]

or its salt, in the above formulas,

R^1, R^2, R^3 and Q are each as defined above, or

2) reacting a compound of the formula:

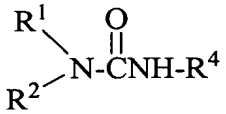


[II]

or its salt with a compound of the formula:

R^4-NCO [IV]

to provide a compound of the formula:



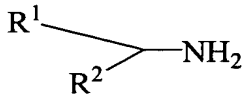
[Ib]

or its salt, in the above formulas,

R^1 and R^2 are each as defined above, and

R^4 is aryl which may be substituted with lower alkoxy or halogen, or pyridyl, or

3) reacting a compound of the formula:



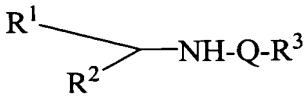
[V]

or its salt with a compound of the formula:

HO-Q-R^3 [III]

or its reactive derivative at the carboxy group

or a salt thereof to provide a compound of the formula:

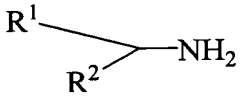


[Ic]

or its salt, in the above formulas,

R^1, R^2, R^3 and Q are each as defined above, or

4) reacting a compound of the formula:

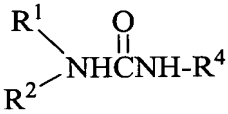


[V]

or its salt with a compound of the formula:

R^4NCO [IV]

to provide a compound of the formula.:

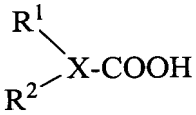


[Id]

or its salt, in the above formulas,

R^1, R^2 and R^4 are each as defined above, or

5) reacting a compound of the formula:

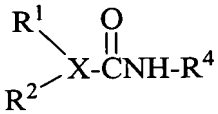


[VI]

or its reactive derivative at the carboxy group or a salt thereof with a compound of the formula:

H_2N-R^4 [VII]

or its salt to provide a compound of the formula:



[Ie]

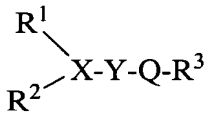
or its salt, in the above formulas,

R^1, R^2, R^4 and X are each as defined above.

Claim 8 (Original): A pharmaceutical composition comprising a compound of claim 1, as an active ingredient, in association with a pharmaceutically acceptable, substantially non-toxic carrier or excipient.

Claim 9 (Currently Amended): A medicament comprising the compound of claim 1 ~~for use as a medicament~~.

Claim 10 (Original): A method for therapeutic treatment and/or prevention of amnesia or dementia which comprises administering an effective amount of a compound of the following formula to mammals.



[I]

wherein R^1 and R^2 are each aryl or ar(lower)alkyl, or are taken together to form lower alkylene or lower alkenylene, each of which may be substituted with aryl or may be condensed with a cyclic hydrocarbon optionally substituted with lower alkyl, lower alkoxy, aryl, aryloxy or halogen,

$R^3$3 is lower alkyl, lower alkoxy, aryl, arylamino or aryloxy, each of which may be substituted with lower alkoxy or halogen, pyridyl, or pyridylamino,

X is CH or N,

Y is a single bond or -NH-, and

Q is -C(=O)-,

or its salt.

Claim 11 (Currently Amended): A method for manufacturing a medicament comprising admixing the compound of Claim 1 with a pharmaceutically acceptable carrier or excipient ~~Use of the compound as defined in claim 10 for manufacture of a medicament for treating and/or preventing amnesia or dementia in mammals~~.

Claim 12 (New): A solvate or enclosure compound of the compound of Claim 1.

Claim 13 (New): A pharmaceutical composition comprising the compound of claim 1 and a pharmaceutically acceptable carrier or excipient.

Claim 14 (New): A method for the treatment of amnesia, dementia, senile dementia, Alzheimer's dementia, dementia associated with various diseases, cerebral vascular dementia, cerebral post-traumatic dementia, dementia due to brain tumor, dementia due to chronic subdural hematoma, dementia due to normal pressure hydrocephalus, post-meningitis dementia, Parkinson's disease type dementia, schizophrenia, depression, stroke, head injury, nicotine withdrawal, spinal cord injury, anxiety, pollakiuria, incontinence of urine, myotonic dystrophy, attention deficit hyperactivity disorder, excessive daytime sleepiness, narcolepsy, Parkinson's disease, or autism, comprising administering an effective amount of the compound of Claim 1 to a subject in need thereof.

Claim 15 (New): The method of Claim 14, wherein said effective amount ranges from 0.1 mg/body to 1,000 mg/body.

Claim 16 (New): A method for the treatment of schizophrenia which comprises administering an effective amount of the compound of Claim 1 to a subject in need thereof.

Claim 17 (New): A method for the treatment of amnesia which comprises administering an effective amount of the compound of Claim 1 to a subject in need thereof.

Claim 18 (New): A method for the treatment of dementia, senile dementia or Alzheimer's dementia which comprises administering an effective amount of the compound of Claim 1 to a subject in need thereof.